

**WASHINGTON STATE DEPARTMENT OF HEALTH
OFFICE OF FOOD SAFETY AND SHELLFISH PROGRAMS**

ANNUAL GROWING AREA REVIEW

PREPARED BY: Donald Melvin, Environmental Specialist

AREA: Port Madison

YEAR ENDING: December 31, 2005

CLASSIFICATION: Approved, Prohibited

ACTIVITIES IN THE GROWING AREA IN 2005:

Samples were collected from the growing area 6 times during the year using the systematic random sampling method. DOH completed a routine survey of approximately 2 miles of shoreline within the shellfish area. This survey involved a portion of the northern shoreline near Indianola that was not included in the 2004 survey. No direct or indirect impacts were identified.

ANALYTICAL RESULTS OF WATER SAMPLES:

Table #1 summarizes the results of all samples collected from the area. This summary shows that all stations in the area pass the NSSP water quality standard.

CHANGE IN ACTUAL POLLUTION SOURCES THAT IMPACT THE GROWING AREA:

We currently have no information indicating that the area has new sources of pollution.

CLASSIFICATION STATUS:

- ☒ Well within the classification standards
- ☐ Meets standards but some concerns
- ☐ Meets standards but threatened with a downgrade in classification
- ☐ Fails to meet classification standards

REMARKS AND RECOMMENDATIONS:

Table #1 shows that all stations meet the NSSP water quality standards for approved classification.

TABLE 1**SUMMARY OF MARINE WATER DATA (SRS)**Growing Area: **PORT MADISON**Classification: **Approved, Prohibited, Unclassified**From **12/04/2000** To **11/21/2005****FECAL COLIFORM ORGANISMS/100 ML**

Station Number	Classification	Number of Samples	Range	Geometric Mean	Est. 90th Percentile	Meets Std.
510	Approved	31	1.7 - 49.0	3.2	11.0	Yes
511	Approved	31	1.7 - 23.0	2.3	4.0	Yes
512	Approved	31	1.7 - 22.0	2.3	5.0	Yes
513	Approved	31	1.7 - 23.0	2.1	4.0	Yes
514	Approved	31	1.7 - 4.5	1.9	2.0	Yes
515	Approved	32	1.7 - 13.0	2.1	4.0	Yes
516	Approved	31	1.7 - 13.0	2.9	7.0	Yes
517	Approved	31	1.7 - 13.0	2.0	3.0	Yes
518	Approved	30	1.7 - 2.0	1.7	1.0	Yes
519	Approved	30	1.7 - 7.8	1.9	2.0	Yes
520	Approved	30	1.7 - 4.5	1.8	2.0	Yes
521	Approved	30	1.7 - 13.0	2.0	3.0	Yes
522	Approved	31	1.7 - 7.8	1.9	3.0	Yes
509	Prohibited	31	1.7 - 22.0	2.5	6.0	Yes
602	Unclassified	29	1.7 - 33.0	2.2	5.0	*N/A
637	Unclassified	45	1.7 - 130.0	2.5	8.0	Yes
638	Unclassified	45	1.7 - 33.0	2.1	4.0	Yes
648	Unclassified	49	1.7 - 130.0	3.4	11.0	Yes

All tides information is presented

The standard for approved shellfish growing waters is fecal coliform geometric mean not greater than 14 organisms/100 ml and an estimate of the 90th percentile not greater than 43 organisms/100 ml. The above table shows bacteriological results in relation to program standards.

* N/A - SRS criteria require a minimum of 30 samples from each station. *

† All samples have been verified.

